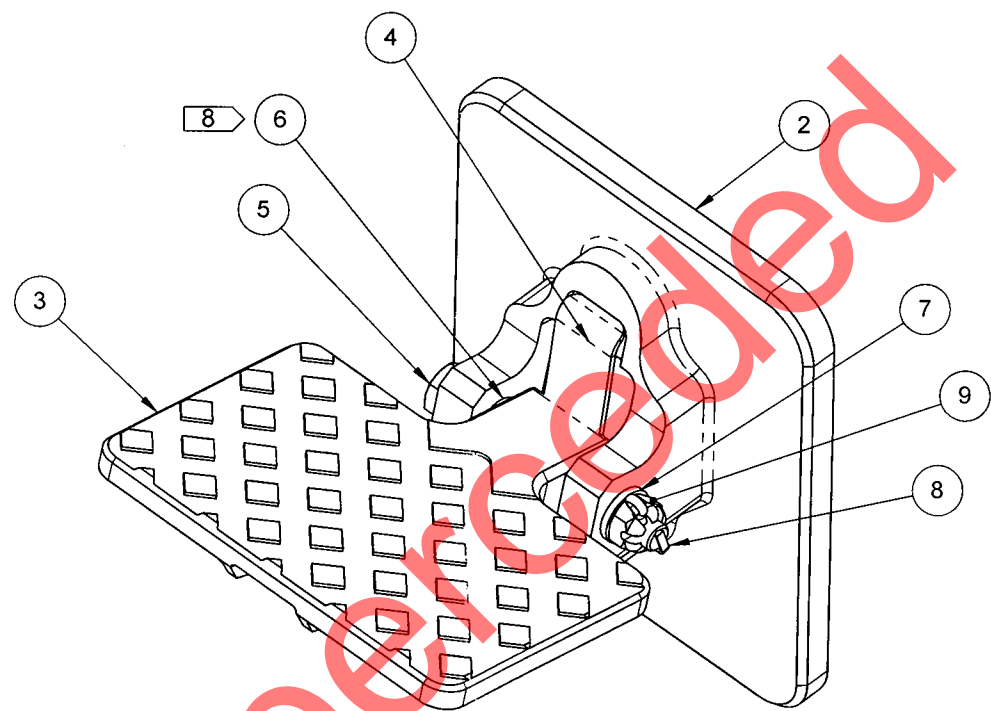


ITEM	QTY -041	PART NUMBER	DESCRIPTION
1	X	D4101-041	PRE-FLIGHT STEP ASSEMBLY
2	1	D4101-1	BRACKET
3	1	D4101-3	STEP
4	1	D4101-5	SPRING
5	1	AN4-22	BOLT
6	2	NAS1149D0416J	WASHER
7	2	NAS1149D0463J	WASHER
8	1	MS24665-136	COTTER PIN
9	1	AN310-4	NUT



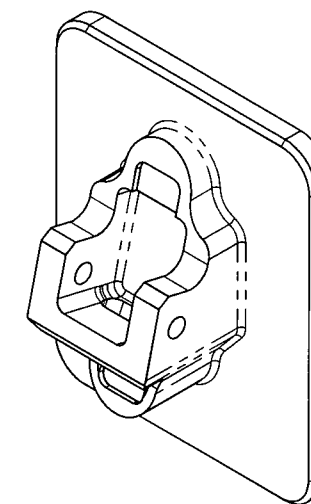
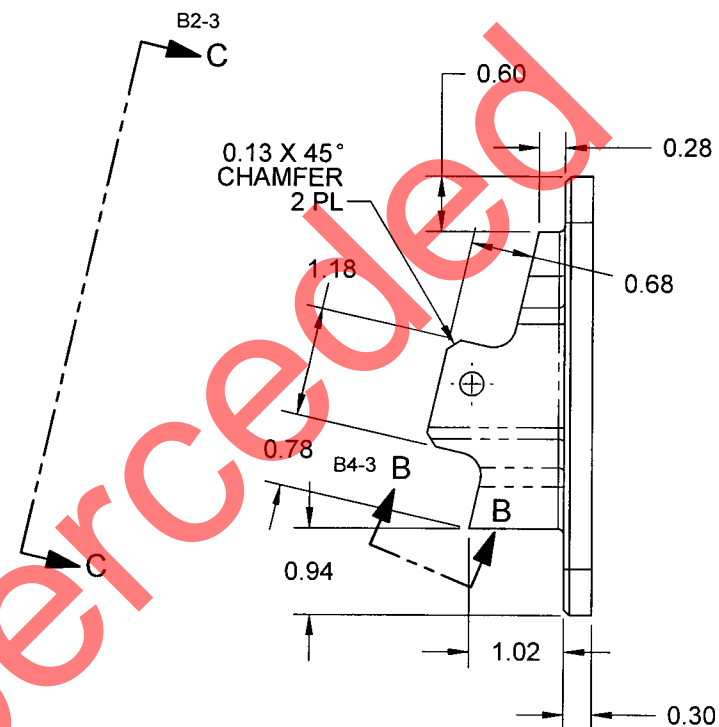
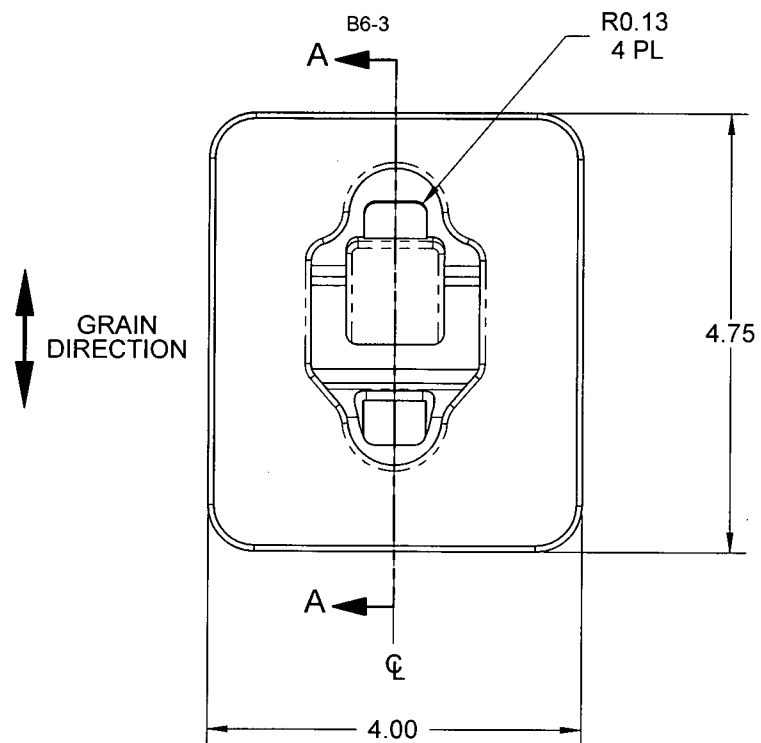
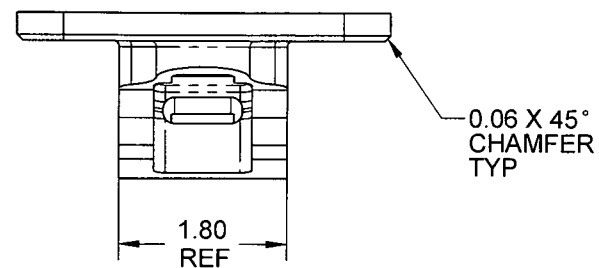
D4101-041 PRE-FLIGHT STEP ASSEMBLY

- NOTES:
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: NONE
 - 6) IDENTIFICATION: IDENTIFY WITH DART P/N "D4101-041" USING FINE POINT PERMANENT INK MARKER
 - 7) WEIGHT: 1.19 lbs
 - 8) INSTALL NAS1149D0416J WASHER IN BETWEEN STEP AND BRACKET MATING FACES

SUPERCEDED BY
10/08/23

RELEASED
2010-08-23

A	NEW ISSUE		RF	10.07.12
REV.	DESCRIPTION		BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
DRAWN	RF			
CHECKED	RF	DRAWING NO.	REV. A	
MFG. APPR.	RF	D4101	SHEET 1 OF 5	
APPROVED	RF	TITLE	SCALE	
DE APPR.	RF	PRE-FLIGHT STEP ASSEMBLY	NTS	
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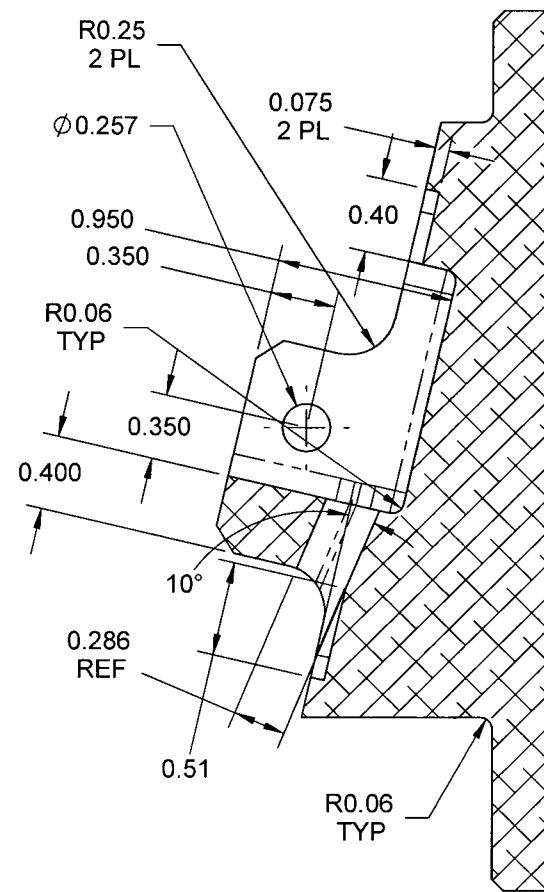
D4101-1 BRACKET

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2010-08-23

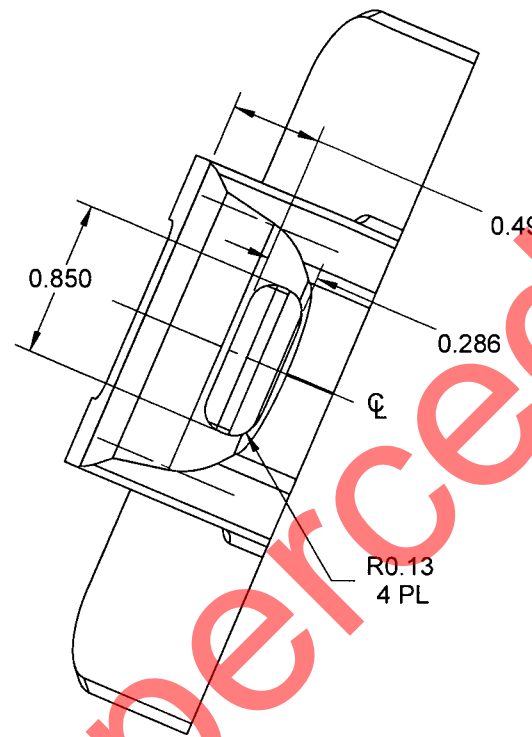
NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: 0.85 lbs

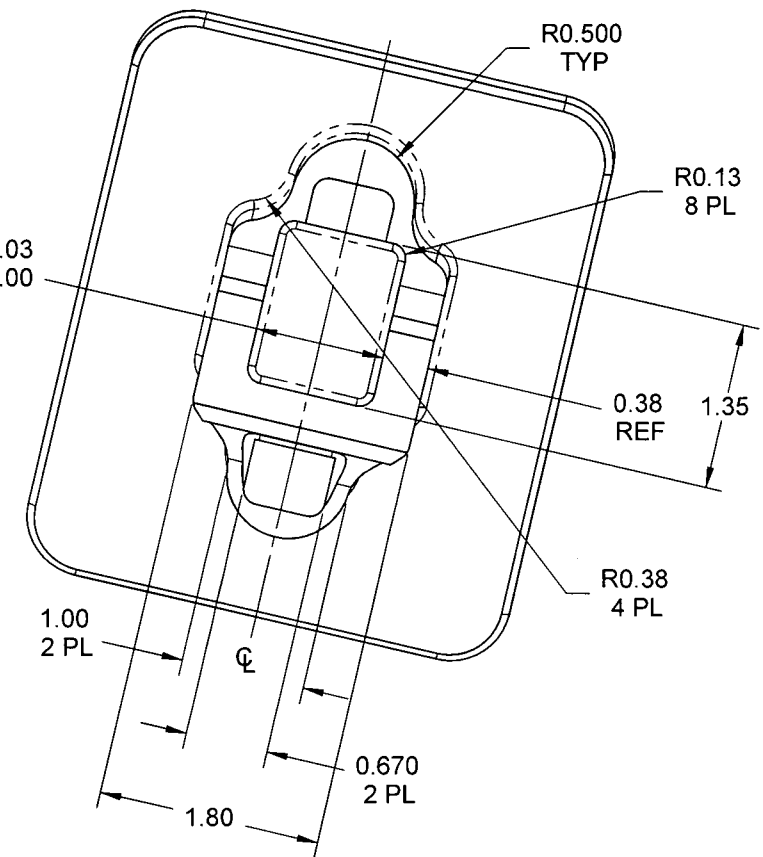
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DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4101	SHEET 2 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	PRE-FLIGHT STEP ASSEMBLY	NTS
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SECTION A-A C7-2
SCALE 2X



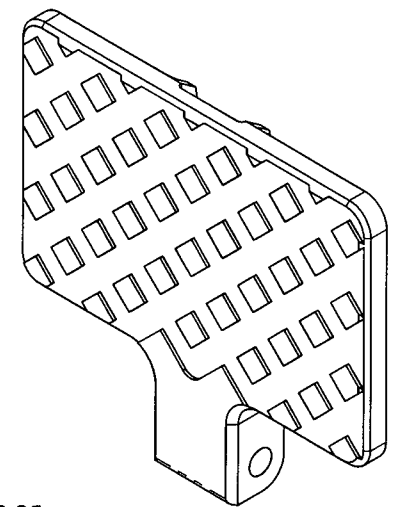
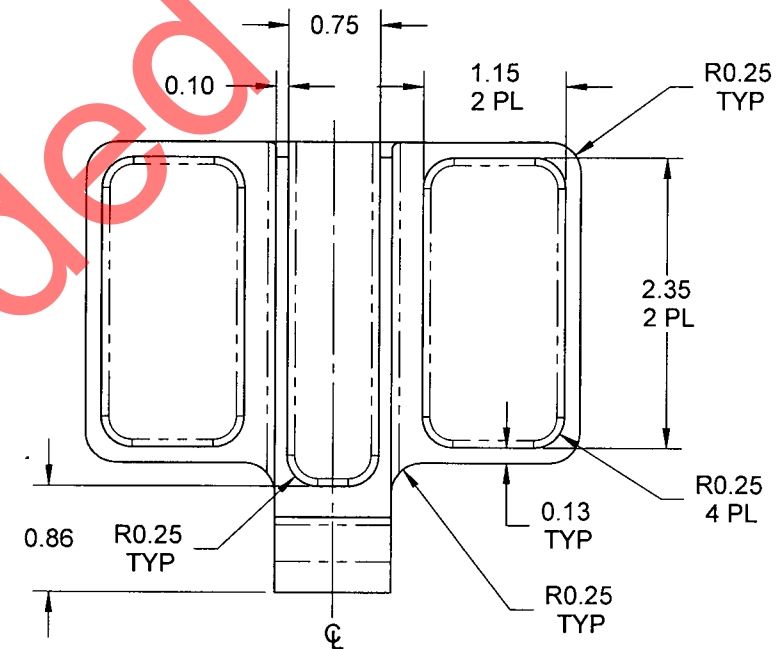
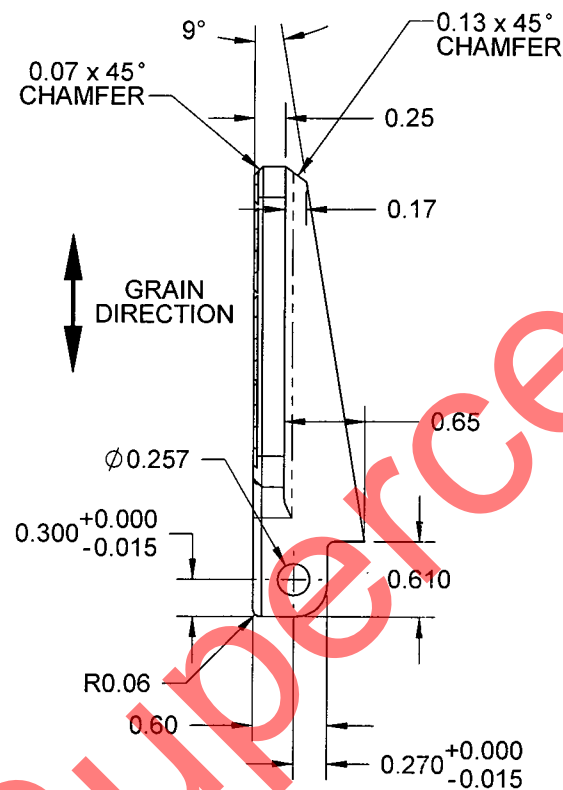
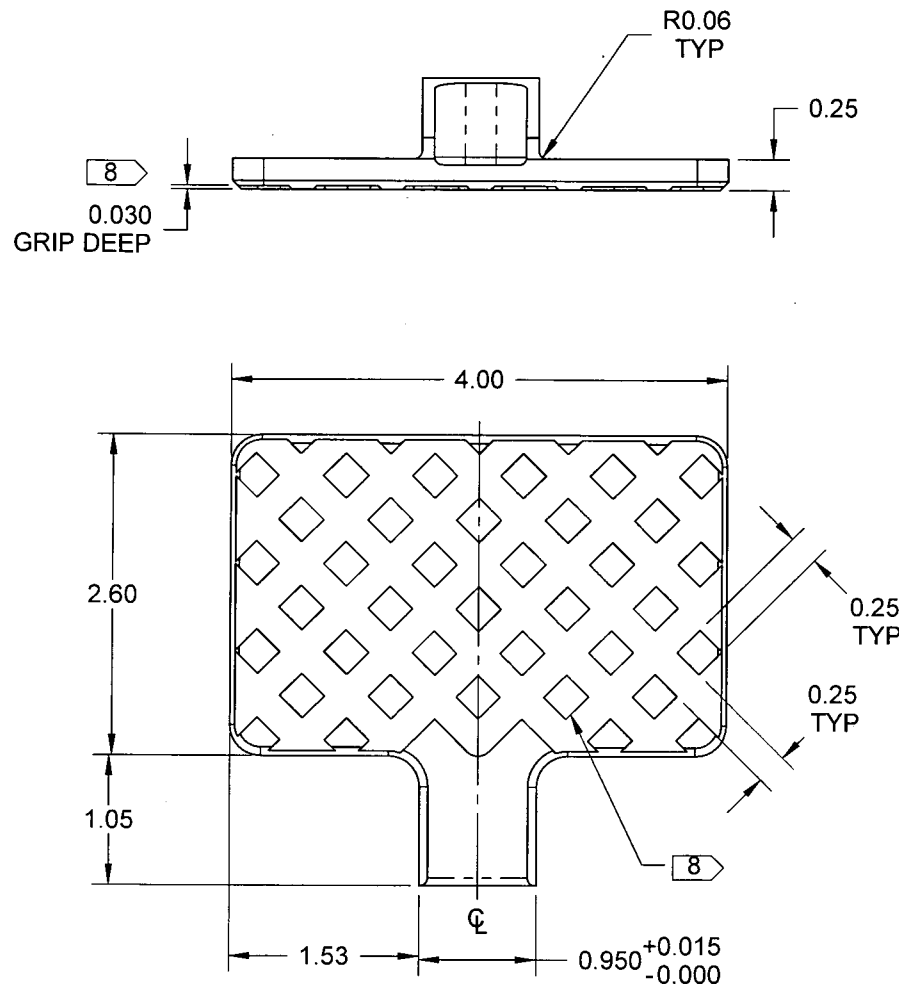
VIEW B-B C4-2
SCALE 2X



VIEW C-C D4-2
SCALE X1.5

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CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	<i>[Signature]</i>	D4101	SHEET 3 OF 5
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	PRE-FLIGHT STEP ASSEMBLY	NTS
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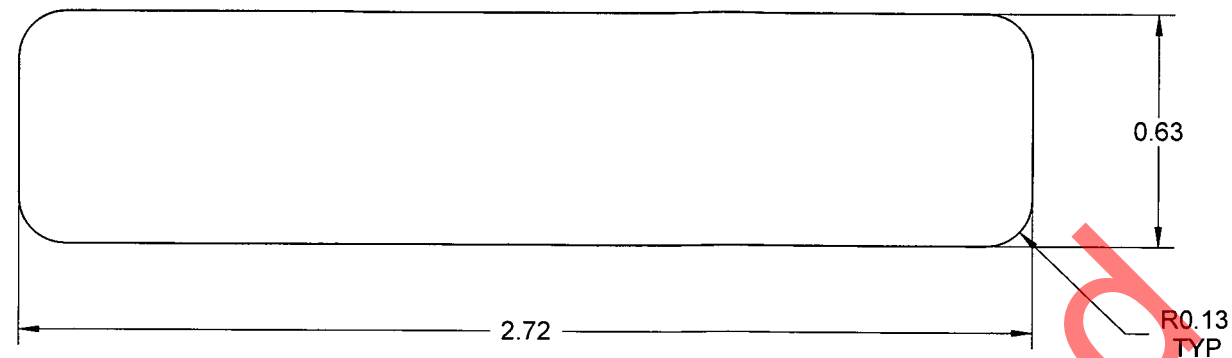
D4101-3 STEP

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2010-08-23

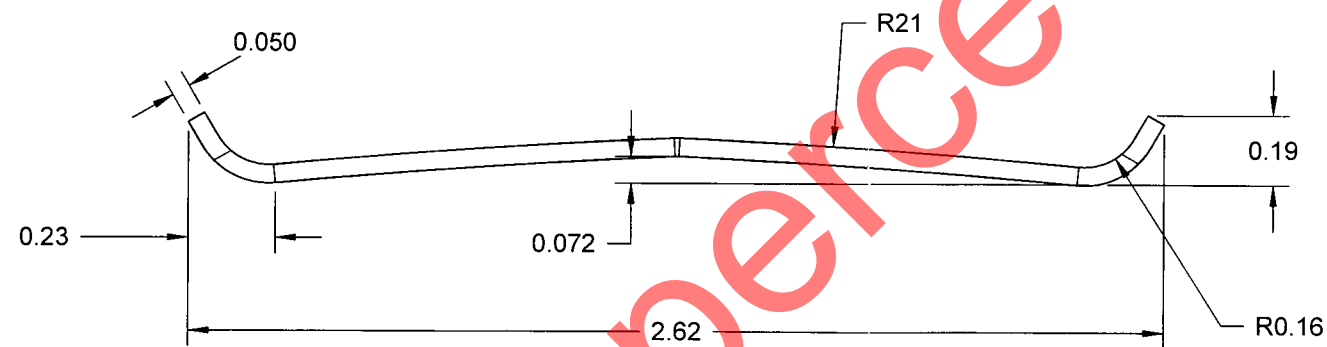
NOTES:

- 1) MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR
PER QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221
- 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.27 lbs
- 8) MACHINE 0.25 x 0.25 GRIP 0.030 DEEP AT 45° PATTERN 0.25 APART

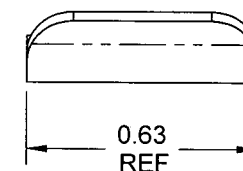
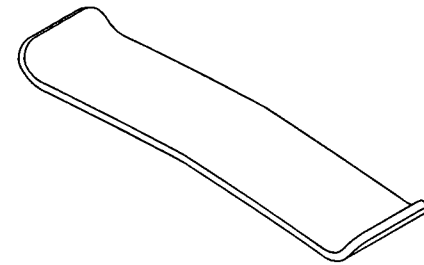
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DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.		D4101	SHEET 4 OF 5
APPROVED		TITLE	SCALE
DE APPR.		PRE-FLIGHT STEP ASSEMBLY	NTS
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D4101-5F FLAT PATTERN



D4101-5 SPRING
(MAKE FROM D4101-5F FLAT PATTERN)



RELEASED
2010-08-23
WJ

NOTES:

- 1) MATERIAL: P/N 1217T37 FROM McMASTER
AISI 301 STAINLESS STEEL 1/2 HARD PER AMS5518 OR MIL-S-5059
18 GAUGE (0.048 THICK)
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.02 lbs

DESIGN	RF	DART AEROSPACE LTD	
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MFG. APPR.	RF	D4101	SHEET 5 OF 5
APPROVED	RF	TITLE	SCALE
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